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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10 055,818 | 10 25 2001 | Kylan D. Doan | 11564.0028.NPUS02 (LBRE.0) | 9530 |

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EXAMINER

THOMPSON, GREGORY D

ART UNIT

PAPER NUMBER

2835

DATE MAILED: 08/04/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
10/055,818

Applicant(s)
10055818

Examiner
Gregory Thompson

Art Unit
2835



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Oct 25, 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-11, 13, and 14 is/are rejected.
- 7) ☒ Claim(s) 4 and 12 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other

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1. Supply a copy of Prior Art Fig. 1 with appropriate date if available.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, 6, 8, 9, 10, 11, 13, 14 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Fouad.

Cabinet/enclosure is 100. Bus bar in a first portion of cabinet 100 is bus bar 107. Bar 107 would inherently be mounted to an interior wall of cabinet 100 by known mounting structures such as insulators to mount and insulate the bar to/from an interior wall as known to one skilled in the power art. Power components would be capacitors 110-112 or 114-116 mounted in a second portion of cabinet 100. Magnetic components would be transformers 102, 103 mounted in a third portion of cabinet 100. The transformers are accessible from an exterior of the cabinet when door 101 is open. Clearly the components 102, 103 could inherently be installed first or last when assembling components in cabinet 100 with the components 102, 103 having a determined voltage rating depending on needed voltage, power requirements.

3. Claims 1, 3, 6-8 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Mayse et al.

The metal assembled rack providing an enclosure is 12. Electronic components are installed. The magnetic components 52, 53 could inherently be installed first or last when

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assembling components in 12 with the components (transformers) 52, 53 having a determined voltage rating depending on needed voltage, power requirements. Capacitor is 71 or 72.

Components 52, 53 are accessible from a rear portion of 12. The front, rear portions labeled in Fig. 2. Rack 12 is the only relied upon structure the examiner is using to refer to an enclosure.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fouad in view of Farrington.

Fouad discloses the cabinet/enclosure with stalled electric components including magnetic components (102, 103) as discussed above in paragraph 2.

Fouad does not teach nor suggest the electric components including a control panel to control the components in cabinet 100.

Farrington discloses a control panel in Fig. 3 to control components in an electrical system having no exposed high voltage or a front portion thereof.

Therefore, it is considered obvious to one skilled at the time of the invention to provide a control panel as taught by Farrington as an electric component in/on the enclosure 100 of Fouad to control the electric components in cabinet 100 to provide proper operation of the electric components of the electrical system and to have no exposed high voltage on a front portion

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thereof to provide a safe panel for the user when operating electric components in a high voltage system.

5. Claims 1-2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fouad in view of Brown.

Fouad discloses the cabinet/enclosure with installed electric components including magnetic components (102, 103) as discussed above in paragraph 2.

Fouad does not teach nor suggest the use of pop-rivets to assemble the enclosure or cabinet 100.

Therefore, it is considered obvious to one skilled at the time of the invention to assemble 100 using pop-rivets taught by Brown to provide ease of assemble with less parts than using standard nuts and bolts in constructing a stable and safe enclosure 100 to protect the electric components in 100 that will last for years.

6. Claims 4, 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

No cited art teaches or suggest a control panel attached to an interior of cabinet/enclosure by a hook as claimed in claims 4, 12.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greg Thompson whose telephone number is (703) 308-2249. The examiner can normally be reached on Mon-Thurs from 6:00 AM to 4:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg, can be reached on (703) (703) 308-4215. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3431.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

G THOMPSON/pj

07/31/03

A handwritten signature in black ink, appearing to read "G. Thompson", is located in the lower right quadrant of the page.